CRF Errors Corrected by the STIC Systems CRF Processing Date: 10/008,524A Serlal Number: Edited by: (STIC staff) Verified by: Changed a file from non-ASCII to ASCII Changed the margins in cases where the sequence text was "wrapped" down to the next line. # 1 T Edited a format error in the Current Application Data section, specifically: Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ____ the prior application data; or ___ other _____ Added the mandatory heading and subheadings for "Current Application Data". Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer. Changed the spelling of a mandatory field (the headings or subheadings), specifically: Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place. Inserted colons after headings/subheadings. Headings edited included: Deleted extra, invalid, headings used by an applicant, specifically: Deleted: Inon-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as_____ Inserted mandatory headings, specifically: Corrected an obvious error in the response, specifically: Edited identifiers where upper case is used but lower case is required, or vice versa. Corrected an error in the Number of Sequences field, specifically: A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted. Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a Patentin bug). Sequences corrected: Other:

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.



OIPE

RAW SEQUENCE LISTING

DATE: 08/27/2002 Yile

PATENT APPLICATION: US/10/008,524A TIME: 11:28:50

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF3\08272002\J008524A.raw

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     5 <120 - TITLE OF INVENTION: IMPROVEMENTS IN OR RELATING TO SCREENING FOR PAPILLOMA
            VIRUSES
     8 <130 > FILE REFERENCE: 18396/1074
     10 -: 140 - CURRENT APPLICATION NUMBER: 10/008,524A
C--> 11 <141> CURRENT FILING DATE: 2002-08-13
    13 <150 > PRIOR APPLICATION NUMBER: 09/314,268
    14 -(151 - PRIOR FILING DATE: 1999-05-18
    16 -: 160 - NUMBER OF SEQ ID NOS: 179
    18 <170 - SOFTWARE: Patentin Ver. 2.1
    20 + 210 > SEQ ID NO: 1
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    22 +212 > TYPE: DNA
    23 -2213 > ORGANISM: Human papillomavirus type 16
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    28 quaqeeccaa agecaettea caaagtagtg gtatgtgtta gtaaaaaaaet cagtaagaag 180
    29 cagaytgaac taaatgggat egcageetet etaggageag attacaggtg gagttitgat 240
    30 qaaanagtga otoatttoat otatoaaggg oggooaaatg acaotaatog ggagtataaa 300
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    4.2 - 1 5 10 15
    44 Ala Ash Ser Set Ard Ash Ala Vai Ala Teu Ser Ala Ser Pro Gin Ten
                                      25
    47 Lys Glu Ala Gln Ser Glu Lys Glu Glu Ala Pro Lys Pro Leu His Lys
    48 35
                                  4 ()
    50 Val Val Val Cys Val Ser Lys Lys Leu Ser Lys Lys Gln Ser Glu Leu
    51 50 55
    53 Asn Gly Ile Ala Ala Ser Leu Gly Ala Asp Tyr Arg Trp Ser Phe Asp
               70 75
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DATE: 08/27/2002

PATENT APPLICATION: US/10/008,524A TIME: 11:28:50

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF3\08272002\J008524A.raw

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DATE: 08/27/2002

PATENT APPLICATION: **US/10/008,524A**TIME: 11:28:50

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF3\08272002\J008524A.raw

138 Gly Arg Ser Gly Lys Ala Ile Thr Phe Val Thr Gln Tyr Asp Val Glu 139 355 360 365 14! Leu Phe Gln Arg Ile Glu His Leu Ile Gly Lys Lys Leu Pro Gly Phe 375 144 Pro Thr Gln Asp Asp Glu Val Met Met Leu Thr Glu Arg Val Ala Glu 390 147 Ala Gln Arg Phe Ala Arg Met Glu Leu Arg Glu His Gly Glu Lys Lys 405 410 150 Lys Arg Ser Arg Glu Asp Ala Gly Asp Asn Asp Asp Thr Arg Gly Cys 420 425 153 Tyr Val Cys Gln Glu Gln Gly Giy Trp Arg Lys Asn Glu Glu Ala Glu 154 435 440 156 Arg Pro Leu Ile Thr Phe Met Lys Ala Arg Val Leu Leu Phe Cys Lys 157 450 455 159 Arg Glu Leu Glu Asn Glu Thr Cys Ser Asn Arg Asp His Glu Thr Glu 470 475 162 He Gly Gln Asn Cys Val Gln Asn Val Leu Ser 163 485 166 <2:10: SEQ ID NO: 4 167 <211 LENGTH: 25 168 < 212 > TYPE: PRT $169 \cdot (213) \cdot ORGANISM$: Human papillomavirus type 16171 <400: SEQUENCE: 4 172 Arg Pro Ile Pro Lys Pro Ser Pro Trp Ala Pro Lys Lys His Arg Arg 173 1 5 10 175 Leu Ser Asp Gln Asp Ser Gln Thr Pro 20 179 <2100 SEQ ID NO: 5 180 <211: LENGTH: 8 181 <2:12> TYPE: PRT 182 <213> ORGANISM: Artificial Sequence 184 <220: FEATURE: 185 <223: OTHER INFORMATION: Description of Artificial Sequence: synthetic 186 octapeptide antigen 188 < 400 - SEQUENCE: 5 189 Met. Ala Asp Pro Ala Ala Ala Thr 140. $190 \times 2100 = \mathrm{SEQ} / \mathrm{ID} / \mathrm{NO} 1 / 6$ 194 + 211 | LENGIH: 8 $1.95 \times 2.52 = TYPE := PRT$ 196 <213. ORGANISM Artificial Sequence 198 <220> FEATURE: 199 < 223> OTHER INFORMATION: Description of Artificial Sequence: synthetic 200 octapeptide antigen 202 - 400 - SEQUENCE: 6 203 Ala Asp Pro Ala Ala Ala Thr Lys

DATE: 08/27/2002 TIME: 11:28:50

PAIENT APPLICATION: US/10/008,524A

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF3\08272002\J008524A.raw

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DATE: 08/27/2002 TIME: 11:28:50

PATENT APPLICATION: US/10/008,524A

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF3\08272002\J008524A.raw

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/008,524A

DATE: 08/27/2002
TIME: 11:28:51

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF3\08272002\J008524A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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Seq#:178; N Pos. 43,44,45,46,47,48,49

VERIFICATION SUMMARY

DATE: 08/27/2002

PATENT APPLICATION: US/10/008,524A TIME: 11:28:51

Input Set : A:\PTO.DC.TXT

Output Set: N:\CRF3\08272002\J008524A.raw

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بالهند - MARCIE

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/008,524A

DATE: 08/20/2002

and the second

TIME: 14:26:13

Input Set ' A:\Cms0377.txt

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3 <110> APPLICANT: Doorbar, John

- 5 <120> TITLE OF INVENTION: IMPROVEMENTS IN OR RELATING TO SCREENING FOR PAPILLOMA
- VIRUSES
- 8 <130> FILE REFERENCE: 18396/1074
- 10 <140> CURRENT APPLICATION NUMBER: 10/008,524A
- C--> 11 <141> CURRENT FILING DATE: 2002-08-13
 - 13 <150> PRIOR APPLICATION NUMBER: 09/314,268
 - 14 <151> PRIOR FILING DATE: 1999-05-18
 - 16 <160> NUMBER OF SEQ ID NOS: 179
 - 18 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

- 2973 <210> SEQ ID NO: 179
- 2974 <211> LENGTH: 4
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- 2983 Asp Glu Ala Asp
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VERIFICATION SUMMARYDATE: 08/20/2002PATENT APPLICATION: US/10/008,524ATIME: 14:26:15

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Output Set: N:\CRF4\08202002\J008524A.raw

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